

Workshop in Methods

The Grammar of Graphics: An Introduction to ggplot2

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In *The Grammar of Graphics*, Leland Wilkinson laid out a systematic way to think about statistical graphics and the presentation of quantitative data. The package ggplot2 by Hadley Wickham implements Wilkinson's system for the language R.

The talk will cover the following:

- What are statistical graphs and what are some ways to talk about them?
- Examples of common plot types done in ggplot2.
- Using ggplot2 to display common statistical transformations.
- Grouping and faceting data in ggplot2.
- Using themes to add polish to graphs.

The talk requires no familiarity with ggplot2 or other libraries. Some familiarity with base R, however, will be useful.

Friday, April 24, 2015, 2-4pm

Social Science Research Commons Grand Hall
Woodburn Hall 200